SIEMENS

Data sheet 3SE5132-0LB01



Position switch Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/2 NC snap-action contacts with Plain plunger with stainless steel plunger

product designation product type designation product type designation 35E5 **To the supplied basic switch of the supplied basic switch of the supplied subtain product for position switches of the supplied actuator head for position switches of the supplied switching contacts of the supplied switching contact safe supplied switching contact of the supplied switching contact of the supplied switching contact safe supplied switching contact of the supplied switching contact safe supplied safe s	product brand name	SIRIUS
manufacturer's article number of the supplied basic switch of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied empty enclosure with cover ssE5132-0AA00 suitability for use safety switch Product function positive opening Product function	product designation	Mechanical position switches
of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied switching contacts suitability for use safety switch Ceneral technical data product function positive opening Yes insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value degree of pollution class 9 surge voltage resistance rated value de kV protection class IP shock resistance	product type designation	3SE5
of the supplied actuator head for position switches of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch Pes General technical data product function positive opening Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value degree of pollution class 19 shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical thermal current material of the enclosure of the switch head plastic reference code according to IEC 81346-2 sontinuous current of the C characteristic MCB continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link of Active principle repeat accuracy substance Prohibitance (Date) SWHC substance name imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation aburing storage aduring operation -25 +85 °C during operation during storage adured the continuous current of the during operation during storage adured the protection category for dust one	manufacturer's article number	
of the supplied empty enclosure with cover 35E5132-0AA00 of the supplied empty enclosure with cover 35E5132-0AA00 suitability for use safety switch Yes General technical data product function positive opening Yes insulation voltage rated value 400 V degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance	of the supplied basic switch	3SE5132-0LA00
of the supplied empty enclosure with cover suitability for use safety switch Pes General technical data product function positive opening Yes insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value insulation class IP protection class IP protection class IP shock resistance * according to IEC 60068-2-7 insulation resistance according to IEC 60068-2-6 insulat	 of the supplied actuator head for position switches 	3SE5000-0AB01
suitability for use safety switch General technical data product function positive opening Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG 6 A active principle repeat accuracy Substance Prohibitance (Date) SVHC substance name Imitiazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient emperature • during operation • during storage - 40 +90 °C - none	 of the supplied switching contacts 	3SE5000-0LA00
General technical data product function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance name Imidazolidin-2-thion - 96-45-7 width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	 of the supplied empty enclosure with cover 	3SE5132-0AA00
product function positive opening Yes	suitability for use safety switch	Yes
Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value protection class IP protection class IP shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) O7/01/2006 SVHC substance name minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature e during operation e during storage 40 +90 °C explosion protection category for dust	General technical data	
degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C-taracteristic MCB 1A, for a short-circuit current smaller than 400 A continuous current of the Q-taracteristic MCB 1A, for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 10 A, for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 93.5 mm width of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature e during operation - 25 +85 °C e during storage - 40 +90 °C explosion protection category for dust	product function positive opening	Yes
surge voltage resistance rated value protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the PulAZED fuse link continuous current of the DIAZED fuse link for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name limidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage 40 +90 °C explosion protection category for dust	insulation voltage rated value	400 V
protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature e during operation e time 15 0.05 mm explosion protection category for dust	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	6 kV
according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical to 100 000 typical thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy Substance Prohibitance (Date) SVHC substance name minimum actuating force in directions of actuation length of the sensor width of the sensor during operation during storage explosion protection category for dust 30g / 11 ms 50g / 15 000 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 000 100 00 100	protection class IP	IP66/IP67
vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor 40 mm Ambient conditions ambient temperature during operation -25 +85 °C during storage -40 +90 °C explosion protection category for dust	shock resistance	
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 0 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 6 A active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust	• according to IEC 60068-2-27	30g / 11 ms
electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 6 A active principle repeat accuracy Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	vibration resistance according to IEC 60068-2-6	0.35 mm/5g
thermal current thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB tontinuous current of the quick DIAZED fuse link tontinuous current of the quick DIAZED fuse link tontinuous current of the plazed fuse link gG active principle repeat accuracy Substance Prohibitance (Date) SYHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor ### Ablent conditions ### ambient temperature ### during operation ### current smaller than 400 A ### Ablent conditions ### ambient temperature ### during operation ### current smaller than 400 A ### Ablent conditions ### ambient temperature ### during operation ### current smaller than 400 A ### Ablent conditions ### ablent temperature ### during operation ### current smaller than 400 A ### Ablent conditions ### ablent temperature ### during operation ### current smaller than 400 A ### ablent conditions ### ablent conditi	mechanical service life (operating cycles) typical	15 000 000
material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust		100 000
reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) SYHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	thermal current	10 A
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circ	material of the enclosure of the switch head	plastic
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C -40 +90 °C explosion protection category for dust	reference code according to IEC 81346-2	В
continuous current of the DIAZED fuse link gG active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) 5VHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature oldering operation -25 +85 °C oldering storage -40 +90 °C explosion protection category for dust	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust mechanical mechanical mechanical mechanical none	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 0.05 mm 0.701/2006 98-45-7 99.45-7 90.85 mm 40 mm	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage explosion protection category for dust 07/01/2006 1midazolidin-2-thion - 96-45-7 10 N 20 N 20 N 20 N 20 N 40 mm 40 mm	active principle	mechanical
SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	repeat accuracy	0.05 mm
minimum actuating force in directions of actuation length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust	Substance Prohibitance (Date)	07/01/2006
length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust 93.5 mm 40 mm -25 +85 °C -40 +90 °C	SVHC substance name	Imidazolidin-2-thion - 96-45-7
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust • during	minimum actuating force in directions of actuation	20 N
Ambient conditions ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust	length of the sensor	93.5 mm
ambient temperature ● during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	width of the sensor	40 mm
 during operation -25 +85 °C during storage -40 +90 °C explosion protection category for dust none 	Ambient conditions	
● during storage -40 +90 °C explosion protection category for dust none	ambient temperature	
explosion protection category for dust none	 during operation 	-25 +85 °C
	during storage	-40 +90 °C
design of the switching contact mechanical	explosion protection category for dust	none
	design of the switching contact	mechanical

operating frequency rated value	50 60 Hz
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
at 24 V rated value	6 A
at 125 V rated value	6 A
at 240 V rated value	6 A
at 400 V rated value	4 A
operational current at DC-13	
at 24 V rated value	3 A
at 125 V rated value	0.55 A
at 250 V rated value	0.27 A
at 400 V rated value	0.12 A
Enclosure	
design of the housing	block, narrow
material of the enclosure	plastic
coating of the enclosure	Other types
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Rounded plunger, high-grade steel plunger
standard-compliant actuator head	EN 50041, design B
shape of the switch head	rounded
design of the switching function	positive opening
circuit principle	snap-action contacts
number of switching contacts safety-related	2
cable entry type	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 for AWG cables solid 	1x (20 16), 2x (20 18)
for AWG cables stranded	1x (20 16), 2x (20 18)
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
General Product Approval	





Confirmation









General Product Approval

other



Confirmation

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

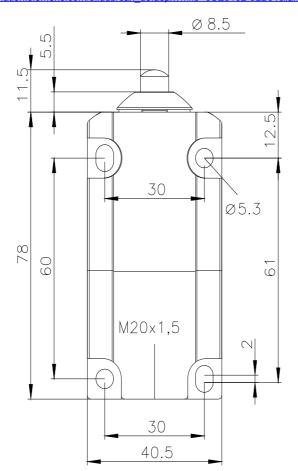
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0LB01

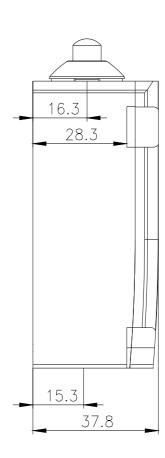
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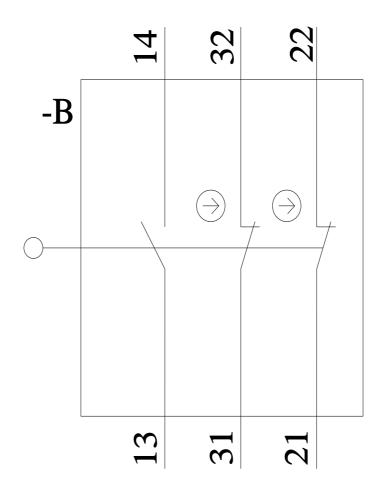
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0LB01

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0LB01&lang=en







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